| L Number | Hits | Search Text | DB | Time stamp |
|---|---|---|---|---|
| 1 | 94 | (((((705/32) or (705/30) or (705/52) or (705/77) or (709/200) or (709/208) or (709/211) or (709/217) or (709/219) or (700/14) or (700/15) or (700/16) or (705/400)).CCLS.) and (stor$3 NEAR3 (data information))) and ((bill$3 charg$3 sell$3) near3 stor$3)) and ((rent$3 leas$3) near3 stor$3) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/10/20 14:09 |
| - | 132 | 705/32.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/04/28 10:41 |
| - | 2 | 20030061125.pn. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/04/28 10:40 |
| - | 105 | 705/32.ccls. and (stor$3 NEAR3 (data information)) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/04/28 11:37 |
| - | 16 | (705/32.ccls. and (stor$3 NEAR3 (data information))) and ((bill$3 charg$3 sell$3) near3 stor$3) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/04/28 11:38 |
| - | 1101 | ((705/32) or (705/30) or (705/400)).CCLS. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/04/28 11:37 |
| - | 733 | (((705/32) or (705/30) or (705/400)).CCLS.) and (stor$3 NEAR3 (data information)) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/04/28 11:38 |
| - | 125 | ((((705/32) or (705/30) or (705/400)).CCLS.) and (stor$3 NEAR3 (data information))) and ((bill$3 charg$3 sell$3) near3 stor$3) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/04/28 11:39 |
| - | 29 | (((((705/32) or (705/30) or (705/400)).CCLS.) and (stor$3 NEAR3 (data information))) and ((bill$3 charg$3 sell$3) near3 stor$3)) and ((rent$3 leas$3) near3 stor$3) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/10/20 14:07 |
| - | 26 | ((((((705/32) or (705/30) or (705/400)).CCLS.) and (stor$3 NEAR3 (data information))) and ((bill$3 charg$3 sell$3) near3 stor$3)) and ((rent$3 leas$3) near3 stor$3)) not ((705/32.ccls. and (stor$3 NEAR3 (data information))) and ((bill$3 charg$3 sell$3) near3 stor$3)) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/04/28 11:41 |
| - | 0 | 6411943.URPN. | USPAT | 2003/04/28 12:32 |
| - | 86 | ("3718906" \| "3917934" \| "3934079" \| "4278837" \| "4319079" \| "4465901" \| "4528643" \| "4649479" \| "4675828" \| "4685055" \| "4796220" \| "4827508" \| "4868758" \| "4901223" \| "4954945" \| "4959861" \| "4962449" \| "4982234" \| "4994963" \| "4999806" \| "5005122" \| "5007082" \| "5023774" \| "5060185" \| "5089958" \| "5107456" \| "5109515" \| "5181238" \| "5182770" \| "5204897" \| "5210866" \| "5212784" \| "5222134" \| "5257367" \| "5265153" \| "5276441" \| "5276867" \| "5291554" \| "5313637" \| "5317728" \| "5325430" \| "5353283" \| "5353411" \| "5367698" \| "5371852" \| "5379418" \| "5383129" \| "5388211" \| "5390297" \| "5404508" \| "5404527" \| "5412801" \| "5426594" \| "5446871" \| "5448718" \| "5469573" \| "5479654" \| "5497463" \| "5497479" \| "5509070" \| "5515502" \| "5535407" \| "5544320" \| "5555371" \| "5559991" \| "5568551" \| "5577222" \| "5588109" \| "5594663" \| "5606719" \| "5646984" \| "5664186" \| "5671285" \| "5689476" \| "5696901" \| "5727065" \| "5732401" \| "5751799" \| "5771354" \| "5799285" \| "5809145" \| "5889942" \| "5893077" \| "5901228" \| "5949415" \| "6014651").PN. | USPAT | 2003/04/28 12:32 |

Considered all

considered all

considered all

considered all

| Considered pll | (2) 5367704.pn. | | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/04/29 14:02 |
|---|---|---|---|---|

*Databases for DIALOG Search*

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SHOW FILES
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          (c) 2004 ProQuest Info&Learning
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          (c) 2004  The Gale Group
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          (c) 2004 The Gale Group
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File  813:PR Newswire 1987-1999/Apr 30
          (c) 1999 PR Newswire Association Inc
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          (c) 2004 The Gale Group
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          (c) 1999 The Gale Group
File  634:San Jose Mercury  Jun 1985-2004/Oct 19
          (c) 2004 San Jose Mercury News
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          (c)2004 The Gale Group
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          (c) 2004 The Dialog Corp.
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          (c) 2004 ProQuest Info&Learning
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          (c) 2002 The Gale Group
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          (c) 2004 BLDSC all rts. reserv.
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          (c) 2004 Institution of Electrical Engineers
File  233:Internet & Personal Comp. Abs. 1981-2003/Sep
          (c) 2003 EBSCO Pub.
File  474:New York Times Abs 1969-2004/Oct 19
          (c) 2004 The New York Times
File  475:Wall Street Journal Abs 1973-2004/Oct 19
          (c) 2004 The New York Times
File   99:Wilson Appl. Sci & Tech Abs 1983-2004/Sep
          (c) 2004 The HW Wilson Co.
File  256:TecInfoSource 82-2004/Jul
          (c)2004 Info.Sources Inc
File  348:EUROPEAN PATENTS 1978-2004/Oct W01
          (c) 2004 European Patent Office
File  349:PCT FULLTEXT 1979-2002/UB=20041014,UT=20041007
          (c) 2004 WIPO/Univentio
File  347:JAPIO Nov 1976-2004/Jun(Updated 041004)
          (c) 2004 JPO & JAPIO
?
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DIALOG search

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Set      Items    Description
S1       15335    (((RENT???) OR (LEAS???))(2N)(STORAGE)) OR (((RENT???) OR -
                  (LEAS???))(2N)(DISK(W)SPACE))
S2        5238    S1 AND ((STOR????)(3N)((INFORMATION) OR (DATA)))
S3         258    S2 AND ((BILL??? OR CHARG??? OR SELL???)(3N)((STORAGE) OR -
                  (DISK(W)SPACE)))
S4          89    PD=19900101:20010418 AND S3
S5          89    RD S4 (unique items)
S6         (84)   S4 AND (PORTION OR PART OR ADDITION??)   scanned abstracts
S7      630223    6 AND MEMORY
S8         (63)   S6 AND MEMORY   scanned abstracts
S9          (6)   S8 AND CACHE   considered all
?
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*Dialog abstracts   all considered*

>>>No matching display code(s) found in file(s): 65, 624, 634, 810, 813

**9/AB/1      (Item 1 from file: 148)**
DIALOG(R)File 148:(c)2004 The Gale Group. All rts. reserv.


**9/AB/2      (Item 1 from file: 348)**
DIALOG(R)File 348:(c) 2004 European Patent Office. All rts. reserv.

ABSTRACT EP 701255 A2
    A "zero phase start" optimization circuit (500) for a Partial
Response, Maximum Likelihood ("PRML") data channel determines a  more
optimal starting phase for the timing recovery process in a  synchronous
communication or storage system. The disclosed  circuit includes a
quantizer (501), a summing junction (502),  means (504) for obtaining
either an  absolute value or squaring function, and an integrator (508).
A  firmware based optimization routine causes a timing control loop  to
go through a series of timing acquisition modes, each time  starting a
clocking oscillator at different phase. The  optimization circuit
calculates the mean squared error between  actual and expected sample
values from a known frequency preamble  pattern for each timing
acquisition. The minimum MSE value  corresponds to a more optimal
starting phase for the timing  control loop oscillator.


**9/AB/3      (Item 2 from file: 348)**
DIALOG(R)File 348:(c) 2004 European Patent Office. All rts. reserv.

ABSTRACT EP 595454 A2
    A class IV partial response, maximum likelihood data channel for a disk
drive includes an encoder connected to a data sequencer for converting
user data blocks into a predetermined 8/9ths code such as a (0,4,4,)
code. A precoder (34) converts the 8/9ths code into class IV code. An
analog write driver (36) supplies the class IV code to a data transducer
head (26) during data write-to-disk operations. A read channel connected
to the head amplifies and conditions analog signals during data read
operations. A quantizer (46) produces samples of the analog signals in
accordance with a quantization clock generated by a clock generator. An
adaptive FIR filter means (48) is conditions the data samples in
accordance with selectable, adaptive filter coefficients. A Viterbi
detector (50) puts out the class IV code from the filtered and quantized
samples. A postcoder (52) converts the detected class IV code into
detected 8/9ths code. A decoder (32) converts the detected 8/9ths code
into user data and supplies user data to the sequencer (19). The
programmable FIR filter is provided with servo coefficients during
reading of the servo sectors, and an asynchronous servo detector detects
head position information from the quantized and filtered samples without
phase locking of the quantization clock generator to the quantized servo
samples. The asynchronous servo detector is also used to aid detection of
sync field preamble information before the FIR filter is fully adapted.
Multi-mode gain and timing loops are also a   **part** of the present
invention. (see image in original document)


**9/AB/4      (Item 1 from file: 349)**
DIALOG(R)File 349:(c) 2004 WIPO/Univentio. All rts. reserv.

English Abstract
    A hybrid telecommunication system includes a switched network which
transfers information across the Internet to provide multi-routed and
multidimensional callback processing. The hybrid network includes one or
more switched networks coupled to one or more packet transmission
networks, and a call router coupled to the switched communication network
and the packet transmission network to route information to the

appropriate switched telephony device or Internet device address. A
computer with an attached display communicates with the packet
transmission network. The computer is used to initiate remote management
of the hybrid network, including tests of the hybrid network. The tests
include circuit analysis such as selecting signaling states which could
be loop start, ground start, or detecting signals such as dual tone
multifrequency, multifrequency or dialpulse. The hybrid network includes
support for an operator to monitor the management of the hybrid network,
and an expert system to regulate the Quality of Service of the hybrid
telecommunication system.

French Abstract
   La presente invention se rapporte a un systeme de telecommunications
hybride comprenant un reseau commute qui transmet les informations via
Internet pour permettre un traitement de rappel multidimensionnel a
acheminements multiples. Ce systeme hybride comprend un ou plusieurs
reseaux commutes couples a un ou a plusieurs reseaux de transmission par
paquets, un dispositif d'acheminement d'appels couple au reseau commute,
et un reseau de paquets acheminant les informations a l'adresse du
dispositif telephonique commute ou du dispositif Internet. Un ordinateur
equipe d'un afficheur communique avec le reseau de paquets. L'ordinateur
assure le declenchement de la telegestion du reseau hybride ainsi que des
tests du reseau hybride. Ces tests comprennent l'analyse du circuit et
notamment la selection des etats de signalisation ainsi que le demarrage
sur court-circuit ou sur prise de terre, mais aussi la detection de
signaux tels que les multifrequences bi-tons, les multifrequences ou les
impulsions. Le reseau hybride assure une assistance operateur permettant
de surveiller la gestion du reseau hybride, un systeme expert assurant le
controle qualite de service (QOF) du systeme de telecommunications
hybride.


**9/AB/5     (Item 2 from file: 349)**
DIALOG(R)File 349:(c) 2004 WIPO/Univentio. All rts. reserv.

English Abstract
   Telephone calls, data and other multimedia information is routed through
a hybrid network which includes transfer of information across the
internet. A media order entry captures complete user profile information
for a user. This profile information is utilized by the system throughout
the media experience for routing, billing, monitoring, reporting and
other media control functions. Users can manage more aspects of a network
than previously possible, and control network activities from a central
site.

French Abstract
   Des appels telephoniques, des donnees et autres informations multimedias
sont achemines par un reseau hybride capable egalement de transmission de
donnees par l'Internet. Une rubrique d'ordonnancement des supports
utilise en mode exclusif des informations completes de profils
utilisateurs concernant un meme utilisateur. Ces informations de profils
sont utilisees par le systeme, pendant toute la duree active du support,
a des fins d'acheminement, de facturation, de surveillance, de
compte-rendu et autres fonctionnalites de gestion de supports. Les
utilisateurs peuvent ainsi gerer un plus grand nombre de fonctionnalites
reseau et gerer des activites reseau depuis un site central.


**9/AB/6     (Item 3 from file: 349)**
DIALOG(R)File 349:(c) 2004 WIPO/Univentio. All rts. reserv.

English Abstract
   The present invention provides systems and methods for electronic
commerce including secure transaction management and electronic rights
protection. Electronic appliances such as computers employed in

accordance with the present invention help to ensure that information is
accessed and used only in authorized ways, and maintain the integrity,
availability, and/or confidentiality of the information. Secure
subsystems used with such electronic appliances provide a distributed
virtual distribution environment (VDE) that may enforce a secure chain of
handling and control, for example, to control and/or meter or otherwise
monitor use of electronically stored or disseminated information. Such a
virtual distribution environment may be used to protect rights of various
participants in electronic commerce and other electronic or
electronic-facilitated transactions. Secure distributed and other
operating system environments and architectures, employing, for example,
secure semiconductor processing arrangements that may establish secure,
protected environments at each node. These techniques may be used to
support an end-to-end electronic information distribution capability that
may be used, for example, utilizing the "electronic highway".

French Abstract

   Systemes et procedes destines au domaine du commerce electronique, et
notamment a la gestion securisee des transactions et a la protection
electronique des droits. Les appareils electroniques tels que les
ordinateurs utilises conformement a la presente invention permettent
d'assurer que les informations ne sont consultees et exploitees que de
maniere autorisee, et ils conservent l'integrite, la disponibilite et/ou
le caractere confidentiel des informations. Les sous-systemes securises
utilises en association avec de tels appareils electroniques constituent
un environnement de distribution virtuel distribue (VDE) apte a imposer
une chaine securisee de traitement et de commande, par exemple pour la
commande et/ou la mesure ou encore le controle de l'utilisation
d'informations stockees ou diffusees electroniquement. Cet environnement
de distribution virtuel peut servir a proteger les droits de differents
individus impliques dans le commerce electronique et dans d'autres
transactions electroniques ou assistees par des moyens electroniques. On
a egalement prevu des environnements et architectures de systeme
d'exploitation distribues, securises et autres mettant en oeuvre, par
exemple, des ensembles de traitement securise a semi-conducteurs pouvant
etablir des environnements securises et proteges au niveau de chaque
noeud. Ces techniques peuvent servir de soutien pour une fonction
electronique de distribution d'informations de bout en bout, cette
fonction etant utilisable, par exemple, dans le domaine de l'"autoroute
electronique".
?

DIALOG "toolkit"

Searching ...    LOGOFF

Full text database Group 1

**Search results:** 0 titles

## Search Report

| Database Name | Database Number |
| --- | --- |
| BUSINESS & INDUS | 9 |
| BUSINESS WIRE | 810 |
| MCGRAW-HILL PUBS | 624 |
| PR NEWSWIRE | 813 |
| NEWSLETTER DB | 636 |
| NEW PRODUCT ANNMNT | 621 |
| GLOBAL REPORTER | 20 |
| AMERICAN BANKER | 625 |
| BOND BUYER | 626 |
| DIALOG FIN & BANK | 267 |
| KR/T BUS NEWS | 608 |
| SAN JOSE MERCURY | 634 |

| Set | Description |
| --- | --- |
| S1 | (((((rent???) OR (leas???))(2N)storage)) OR ((((rent???) OR (leas???))(2N)(disk(W)space)))) |
| S2 | S1 |
| S3 | (eft or efts or electronic()funds()transfer???? or financial()(electronic()data()interchang? or edi) or fedi)/ti,de,ab |
| S4 | s2 and s3 |
| S5 | RD |
| S6 | SORT /ALL/pd,a |

## Help Tips for 'Zero Records' - How To Get More Records

- Don't over-specify: use only the search options you really need -- leave the others blank.
- Exclude "implied concepts": leave out words like 'research' or 'effects.'
- Use more wildcards to search different word endings: use COMPUTER? in place of COMPUTER.
- Check the format of your entry. Follow the Search Tips examples shown on the search page.
- Check for misspelled words.
- Check that you are using parentheses correctly when you combine words with AND, OR, NOT.

"DIALOG" "Tool Kit"

Full text database Group 1

Searching ...

LOGOFF

Search results: 0 titles

## Search Report

| Database Name | Database Number |
|---|---|
| ABI/INFORM | 15 |
| TRADE&INDUSTRY | 148 |
| PROMT (90-PRESENT) | 16 |
| PROMT (1972-1989) | 160 |
| COMPUTER DATABASE | 275 |

| Set | Description |
|---|---|
| S1 | ((((rent???) OR (leas???))(2N)storage) OR (((rent???) OR (leas???))(2N)(disk(W)space))) |
| S2 | S1 |
| S3 | (eft or efts or electronic()funds()transfer???? or financial()(electronic()data()interchang? or edi) or fedi)/ti,de,ab |
| S4 | s2 and s3 |
| S5 | RD |
| S6 | SORT /ALL/pd,a |

## Help Tips for 'Zero Records' - How To Get More Records

- Don't over-specify: use only the search options you really need -- leave the others blank.
- Exclude "implied concepts": leave out words like 'research' or 'effects.'
- Use more wildcards to search different word endings: use COMPUTER? in place of COMPUTER.
- Check the format of your entry. Follow the Search Tips examples shown on the search page.
- Check for misspelled words.
- Check that you are using parentheses correctly when you combine words with AND, OR, NOT.

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